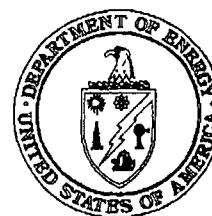




## Department of Energy

Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155



FEB 14 2005

Mr. James A. Saric, Remedial Project Manager  
United States Environmental Protection Agency  
Region V-SRF-5J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0156-05

Mr. Thomas Schneider, Project Manager  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East Fifth Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

### **DOCUMENTING THE APPROVED WATER TREATMENT PRIORITY CHANGE IMPLEMENTED JANUARY 13 THROUGH JANUARY 16, 2005 AT THE FERNALD CLOSURE PROJECT**

Reference: Letter DOE-0125-05, W. Taylor to J. Saric and T. Schneider, "Notification Of Water Treatment Priority Change, Fernald Closure Project, dated January 18, 2005

The purpose of this letter is to document to your agencies information on the approved temporary deviation from the Operation & Maintenance Master Plan (OMMP) for Operable Unit 5 the Aquifer and Wastewater Remediation Project at the FCP. In the OMMP, treating water flow from the On-Site Disposal Facility (OSDF) takes priority over remediation water from the Waste Pits Remedial Action Project (WPRAP). The temporary deviation gave the Department of Energy (DOE) approval to temporarily prioritize pumping of remediation wastewater from the WPRAP ahead of OSDF pumping due to the large amount of rainfall at the site along with a heavy snow melt which created a condition where water capacity in the Storm Water Management (SWM) pond for WPRAP was reached, and was resulting in higher contaminated remediation water being held in Pit 3.

On January 11, the Bio-Surge Lagoon (BSL) freeboard was down to 24" at 1830 hours, and per the OMMP, the Leachate Lift Station pumps were shutdown and all leachate flow routed to hold tanks in the individual Valve Houses were valved off. Per the OMMP, leachate pumping could resume when the BSL freeboard reached greater than 26". WPRAP remediation water, SWM Pond water, and soil excavation storm water remained held at the projects.

Mr. James A. Saric  
Mr. Thomas Schneider

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DOE-0156-05

On January 13, under the approval of the temporary deviation, the WPRAP began pumping the SWM pond this morning. The OSDF Lift Station pumps remain off. BSL freeboard was at 30".

On January 16, the OSDF Leachate Lift Station pumps were turned on at 0730 hours, and all Valve Houses were back on line by 1255 hours. With improved site water management conditions, WPRAP was able to continue to pump remediation water from the SWM. At this point, the site water treatment operations and priorities were returned to their normal configuration - thus terminating the period of approved temporary deviation. Water discharge to the Great Miami River was maintained in compliance with the 30 ppb monthly uranium discharge limit and no adverse impact is anticipated to the 600 pound annual uranium discharge limit from this one-time deviation.

If you should have any further question, please contact Dave Lojek at (513)-648-3127.

Sincerely,

  
William J. Taylor  
Director

FCP:Lojek

cc:

G. Jablonowski, USEPA-V, SR-6J  
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J. Chiou, Fluor Fernald, Inc./MS64  
E. Henry, Fluor Fernald, Inc./MS52-5  
W. Hertel, Fluor Fernald, Inc./MS52-5  
M. Jewett, Fluor Fernald, Inc./MS01  
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C. Murphy, Fluor Fernald, Inc./MS77  
D. Nixon, Fluor Fernald, Inc./MS01  
D. Powell, Fluor Fernald, Inc./MS64  
ECDC, Fluor Fernald, Inc./MS52-7  
AR Coordinator, Fluor Fernald, Inc./MS78